

Title (en)

METHOD FOR OBTAINING A HOMOGENEOUS FILTERING STRUCTURE FOR A CATALYTIC APPLICATION

Title (de)

VERFAHREN ZUM ERHALT EINER HOMOGENEN FILTERSTRUKTUR FÜR EINE KATALYTISCHE ANWENDUNG

Title (fr)

METHODE D'OBTENTION D'UNE STRUCTURE DE FILTRATION HOMOGENE POUR UNE APPLICATION CATALYTIQUE

Publication

EP 1945356 A1 20080723 (FR)

Application

EP 06831250 A 20060929

Priority

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- FR 0552979 A 20050930

Abstract (en)

[origin: FR2891472A1] A method for the production of a homogeneous multi-element filter structure of the honeycomb type for catalytic applications, e.g. as a particle filter in a car exhaust, involves (c) prior determination of a criterion of homogeneity for the support material constituting the elements in the absence of a catalyst coating and (d) selection of elements using this criterion, so as to obtain a structure suitable for the homogeneous deposition (within an element and from one to another) of a catalyst for the gas-phase treatment of pollutants. An independent claim is included for a homogeneous filter structure for catalytic applications, obtained by this method.

IPC 8 full level

B01J 35/04 (2006.01); **C04B 38/00** (2006.01)

CPC (source: EP KR US)

B01D 39/06 (2013.01 - KR); **B01D 46/00** (2013.01 - KR); **B01D 46/0001** (2013.01 - EP US); **B01D 46/2418** (2013.01 - EP US); **B01D 46/2478** (2021.08 - US); **B01J 35/56** (2024.01 - EP KR US); **B01J 35/60** (2024.01 - EP US); **C04B 38/00** (2013.01 - KR); **C04B 38/0006** (2013.01 - EP US); **B01D 46/2429** (2013.01 - US); **B01D 2275/30** (2013.01 - EP US); **B01J 35/657** (2024.01 - EP US); **B01J 35/66** (2024.01 - EP US); **C04B 2111/00793** (2013.01 - EP US); **C04B 2111/0081** (2013.01 - EP US); **F01N 3/035** (2013.01 - EP US); **F01N 2330/06** (2013.01 - EP US); **Y10T 428/24149** (2015.01 - EP US)

C-Set (source: EP US)

C04B 38/0006 + C04B 35/565 + C04B 38/0054 + C04B 38/008

Citation (search report)

See references of WO 2007039698A1

Cited by

US2017128882A1; US9764287B2; US10906031B2; US10934918B1; US10188986B2; US11007514B2; US9757691B2; US10835866B2; US10058819B2; US10675586B2; US10744458B2

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FR 2891472 A1 20070406; FR 2891472 B1 20080418; CA 2624147 A1 20070412; CN 101272859 A 20080924; CN 101272859 B 20120613; EA 012496 B1 20091030; EA 200800970 A1 20080829; EP 1945356 A1 20080723; EP 1945356 B1 20120926; JP 2009509742 A 20090312; KR 101390599 B1 20140519; KR 20080065999 A 20080715; MA 29883 B1 20081003; US 2009054227 A1 20090226; US 8017543 B2 20110913; WO 2007039698 A1 20070412; ZA 200803514 B 20090225

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